IN THE CLAIMS

1 (Previously Presented).   A method comprising:

resolving a display into at least two regions; and

generating a different sequence of characteristic values each corresponding to a unique sequence of primary colors in each of said regions until the position of a sensor with respect to said regions is determined.

Claims 2-4 (Canceled).

5 (Previously Presented).   The method of claim 1 including generating a different sequence of only two color values.

6 (Original).   The method of claim 1 including displaying a series of frames and interspersing, among said frames, additional frames having at least two regions each displaying a sequence of characteristic values.

7 (Previously Presented).   The method of claim 6 including displaying said additional frames such that they are substantially undetectable by the user.

8 (Previously Presented).   The method of claim 1 including generating a different sequence of characteristic values by displaying a time sequence of frames each including at least two regions, and each of said regions displaying a time sequence of characteristic values.

9 (Original).   The method of claim 8 including interspersing frames containing said characteristic values and frames not containing said characteristic values.

10 (Original). The method of claim 1 including developing a sequence using fewer characteristic values than the number of regions.

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11 (Previously Presented).   An article comprising a medium storing instructions that enable a processor-based system to:

resolve a display into at least two regions; and

generate a different sequence of characteristic values each corresponding to a unique sequence of primary colors in each region until the position of a sensor with respect to said regions is determined.

Claims 12-13 (Canceled).

14 (Previously Presented).   The article of claim 11 further storing instructions that enable the processor-based system to generate a different sequence of only two color values in each region.

Claims 15 and 16 (Canceled).

17 (Original). The article of claim 11 further storing instructions that enable the processor-based system to cause a series of frames to be displayed while interspersing, among said frames, additional frames having at least two regions each displaying a sequence of characteristic values.

18 (Previously Presented).   The article of claim 11 further storing instructions that enable the processor-based system to generate the different sequence of characteristic values by displaying a time sequence of frames each including at least two regions, and each of said regions displaying a time sequence of characteristic values.

19 (Original). The article of claim 18 further storing instructions that enable the processor-based system to intersperse frames containing said characteristic values and frames not containing said characteristic values.

20 (Previously Presented).   A system comprising:

a processor; and

a memory coupled to said processor, said memory storing instructions that enable the system to resolve a display into at least two regions and generate a different sequence of characteristic values each corresponding to a unique sequence of primary colors in each region until the position of a sensor is determined.

21 (Previously Presented).   The system of claim 20 wherein the display is coupled to said processor.

Claims 22-25 (Canceled).

26 (Previously Presented).   The system of claim 20 wherein said memory stores instructions that enable the system to generate a different sequence of only two color values in each region.

27 (Previously Presented).   The system of claim 20 wherein said memory stores instructions that enable the system to cause a series of frames to be displayed while interspersing, among said frames, additional frames having at least two regions each displaying a sequence of characteristic values.

28 (Previously Presented).   The system of claim 20 wherein said memory stores instructions that enable the system to generate a different sequence of characteristic values by displaying a time sequence of frames each including at least two regions, and each of said regions displaying a time sequence of characteristic values.

Claim 29 (Canceled).

30 (Previously Presented).   The system of claim 20 wherein said sensor is a light sensor that detects a characteristic value in the form of light.